Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Saturday 28 Jan 2023 until 23:59 on Sunday 29 Jan 2023

Forecast Issued on Friday 27 Jan 2023 at 11:54

Confidence: High for changeable conditions, Medium for cloud details.

Headline for Saturday 28 Jan 2023: Low cloud, mist and drizzle lifting and clearing in the afternoon.

Mountain weather hazards on Saturday 28 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	FOG	FOG		MIST			MIST
Mist	Fog	Fog	Drizzle	Mist	Sunny intervals	Partly cloudy (night)	Mist
Precipitation probability							
<05%	20%	30%	60%	40%	10%	10%	20%

Forecast for Saturday 28 Jan 2023

Weather: Cloud thickening and lowering overnight with patchy rain and drizzle. Extensive low cloud and patchy rain and drizzle expected to persist through the morning, but brighter, clearer conditions pushing in from the north in the afternoon. Some low cloud and mist could reform in the evening.

Chance of cloud-free hill tops above 800m: 20% rising to 70% in the afternoon.

Low cloud and visibility: Extensive cloud, base 200 to 500m, lifting and breaking near or above the summits in the afternoon. Visibility poor or very poor at times overnight and during the morning, becoming mainly good or very good in the afternoon.

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Met Office Mountain Weather Forecast

Forecast for Saturday 28 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	13/16 SW	13/16 SW	13/16 SW	10/12 SW	14/17 NW	13/16 NW	12/15 W	16/19 SW	18/23 SW
600	11/16 SW	11/15 SW	9/14 SW	6/9 SW	9/12 NW	6/9 NW	8/11 W	11/16 SW	13/20 SW
300	4/13 SW	4/13 SW	3/12 W	1/7 W	4/10 NW	1/8 NW	2/9 W	3/13 W	4/15 SW
Valley	3/9 SW	3/8 W	2/8 W	2/5 NW	2/8 NW	2/7 W	3/8 W	3/10 W	5/14 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-1/-6	-0/-5	0/-5	1/-3	0/-5	0/-5	-0/-5	-1/-6	-1/-7
600	0/-4	1/-3	2/-2	2/-1	2/-1	2/-0	2/-2	1/-3	1/-4
300	2/1	3/1	3/2	3/2	5/3	5/4	3/2	3/1	3/1
Valley	4/3	4/3	5/4	5/3	6/6	7/6	5/4	5/3	5/4
Freezing Level*	800m	1200m	1400m	1200m	900m	800m	800m	800m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Nothing further to add.

Forecast for Sunday 29 Jan 2023

Weather: Dry with patchy low cloud overnight. The cloud becoming extensive during the morning with mist and patchy drizzle, then more persistent rain late afternoon and early evening, before drier, clear conditions develop later.

Maximum wind: West or Southwest 30 to 35mph, gusting 50mph over the summits by the end of the afternoon.

Chance of cloud-free hill tops above 800m: 30%

Low cloud and visibility: Occasional becoming extensive, base 200 to 500m, lifting and breaking above the summits later in the evening. Visibility often moderate to very poor at height.

Temperature: **Valleys:** Plus 3 Celsius rising to Plus 8 Celsius
At 800m: Around Zero Celsius rising to Plus 3 Celsius
Freezing level: 900m soon rising above the summits

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Friday 27 January 2023 Location: Skiddaw summit at 10:32 Full report: A beautiful sunny day in the North Lakes with light winds and inversion conditions developing over the eastern fells during the morning. Overnight frost down to relatively low levels and rime ice on cold windward surfaces soon melted away on sunny south-facing slopes. The majority of the fells are snow-free apart from old drifts in sheltered depressions, however, larger areas of snow are still present, predominantly on Helvellyn and its surrounding fells and most notably on shady north and east-facing slopes above 800m. In these areas accumulations remain up to knee-deep in-depth and cornices (snow overhangs) are present around corrie rims. All the snow encountered today was hard (old refrozen snow) and with summit temperatures at or near freezing tomorrow, much of it will remain hard and icy. The Helvellyn edges are a mixture of exposed rock and snow, and anyone considering these or similar steep and exposed routes tomorrow are advised to carry an ice axe and crampons/microspikes. Full winter clothing (warm and waterproof) including hats and gloves, as well as a map, compass, and headtorch, are all essential for anyone venturing into the high fells. Temperature: plus 3.5 C, Maximum wind speed 5.5 mph, Wind chill: plus 0.7 C, Average wind speed: 4.6 mph

Issued at: 1154 on Fri 27 Jan 2023

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